

- Tracing, and extending.
 Execution by common trench work.
 The approaches.
 Extent of the parallel.
 Covering troops.
- γ. The second artillery position—
 Its object ; duties of the batteries ; their sites ; number of guns required, and their distribution ; requirements of the batteries.
 Type of battery used ; modifications of typical battery.
 Screens, their object and mode of construction.
 Communications to batteries.
 Arming batteries and opening fire.
- δ. Advance from first to third parallel.
1. The second parallel, its object and position.
 Requirements, execution of the second parallel and its approaches, generally by flying trench work. Advance in front of second parallel generally by sapping.
2. Definition of sapping and requirements.
 Single saps shallow and deep, when used, how executed.
3. Demi-parallels, their object and position.
4. Third parallel, its object and position, requirements and method of execution.
- ε. Advance to the covered way.
1. Special difficulties to be encountered in front of the third parallel.
2. Circular portions.
3. Mine attack necessary, if counter mines exist. (See Mining.)
4. Advance from circular portions by double sap on the capitals.
5. Demi-parallels, their object and position.
6. Fourth parallel, its object and position, and requirements.
7. Crowning the covered way by sap-Lodgements.
8. Double and cube saps, object, requirements, how executed.
9. Crowning the covered way by assault, when attempted.
10. Fifth parallel, its object, position and requirements.
- ξ. Breaking into enciente.
1. General arrangements, and usual order of procedure against the various works in succession.
2. Breaching escarp, position and range of the breaching batteries, method of forming the breach, observation of effect of fire. Batteries in the lodgements when required, position, execution and armament.
3. Breaching by mines, silencing flanks, descent into ditch, passage of ditch.
4. Occupation of the breach.
 By assault, preparations for assault, disposition of troops, execution.
 By gradual occupation, method of execution.
5. Further proceedings against retrenchments, if they exist.
 Breaching by distant curved fire if the escarps are not well covered.
 Attack by mining.
- C. EXAMPLES—**
 Application to the attack of a front of the modern French system.
 Probable course of attack on a polygonal front.
 Attack on a chain of detached forts.

DEFENCE.

A. INTRODUCTORY—

Readiness to resist attack. State of preparation during peace with respect to works and stores.